

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------|---------|------------------|
| S1 | 9254 | valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 14:56 |
| S2 | 103 | S1 and ((wavelet\$1 or FFT or Fourier or spectrum or spectral) with (analy\$4 or decompos\$5 or component\$1 or harmonic\$1 or coefficient\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/01/06 09:47 |
| S3 | 17 | S2 and ((likelihood or probabilit\$3) with (valve\$1 or defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 19:34 |
| S6 | 9336 | (valve\$1) with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down) or degradation\$1) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$4 or measur\$5 or sens\$3 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 19:29 |
| S8 | 4815 | S6 and (((flow with rate\$1) or (process adj variable\$1) or (operat\$3 with control\$4)) with valve\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:00 |
| S9 | 188 | S8 and (((flow adj rate) with valve) same (adjust\$5 with (open\$3 or control\$4) with valve)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:00 |
| S10 | 0 | S9 and (valve\$1 with (likelihood or probabilit\$3) with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down))) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 19:34 |
| S11 | 2 | S9 and ((wavelet\$1 or FFT or Fourier or spectrum or spectral) with (analy\$4 or decompos\$5 or component\$1 or harmonic\$1 or coefficient\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 19:36 |
| S12 | 41 | S8 and ((wavelet\$1 or FFT or Fourier or spectrum or spectral) with (analy\$4 or decompos\$5 or component\$1 or harmonic\$1 or coefficient\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 19:36 |
| S13 | 0 | S8 and ((stick adj phase) with (slip adj phase)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:02 |

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| S14 | 0 | S8 and ((stick adj phase) same (slip adj phase)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:01 |
| S15 | 0 | S8 and ((stick adj phase) and (slip adj phase)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:01 |
| S16 | 8 | ((stick adj phase) and (slip adj phase)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:01 |
| S17 | 12 | S8 and ((stick) with (slip)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/11/06 20:03 |
| S18 | 286 | 702/35.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/08/09 12:09 |
| S19 | 0 | 702/35.ccls. and (defect\$3 same valve same indexe\$1 same (resolution or level)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:04 |
| S20 | 5 | (defect\$3 same valve same indexe\$1 same (resolution or level)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2004/10/30 16:30 |
| S21 | 2 | "5646600".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:03 |
| S22 | 1071 | 702/182.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:04 |
| S23 | 327 | 702/181.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:04 |
| S24 | 0 | S22 and (defect\$3 same valve same indexe\$1 same (resolution or level)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:04 |

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| S25 | 1 | S21 and valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:05 |
| S26 | 10 | S22 and valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/01/06 09:40 |
| S27 | 4 | S23 and valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:06 |
| S28 | 667 | 73/9.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:06 |
| S29 | 4 | S28 and valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/01/11 11:40 |
| S30 | 0 | charles with zhan | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:40 |
| S31 | 663 | 340/679.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:40 |
| S32 | 10 | S31 and valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 12:41 |
| S33 | 0 | charles with zhan | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 14:48 |
| S34 | 61 | joseph with lu | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 14:56 |
| S35 | 0 | S34 and (valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2005/04/06 14:56 |

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| S36 | 24478 | (valve\$1 or machine\$2) with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/20 14:25 |
| S37 | 1055 | S36 and (likelihood or probability or percentage) with (defect\$4 or fail\$4 or error\$5 or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/20 14:26 |
| S38 | 809 | S36 and (likelihood or probability) with (defect\$4 or fail\$4 or error\$5 or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/01/06 09:44 |
| S39 | 266 | S36 and (likelihood or probabilit\$3) with (defect\$4 or fail\$4 or error\$5 or fault) with (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/01/06 10:13 |
| S40 | 47 | S39 and ((wavelet\$1 or FFT or Fourier or spectrum or spectral) with (analy\$4 or decompos\$5 or component\$1 or harmonic\$1 or coefficient\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/01/06 09:59 |
| S41 | 5 | S36 and (likelihood or probabilit\$3) near4 (index or factor) with (defect\$4 or fail\$4 or error\$5 or fault) with (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/01/06 10:24 |
| S42 | 0 | S36 and (likelihood or probabilit\$3) near4 (coefficient) with (defect\$4 or fail\$4 or error\$5 or fault) with (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/01/06 10:26 |
| S43 | 1 | (valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) same (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) same ((likelihood or probabilit\$3) near4 (factor or index or coefficient) with (defect\$4 or fail\$4 or error\$5 or fault)) same (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/01/06 10:31 |
| S44 | 1 | (valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) same (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) same ((likelihood or probabilit\$3) near4 (factor or index or coefficient) with (defect\$4 or fail\$4 or error\$5 or fault)) same (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3)).clm. | US-PGPUB | OR | ON | 2006/01/06 10:32 |

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| S45 | 2 | (valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) same (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) same ((likelihood or probabilit\$3) with (defect\$4 or fail\$4 or error\$5 or fault)) same (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3)).clm. | US-PGPUB | OR | ON | 2006/06/20 14:26 |
| S46 | 7 | 73/587.ccls. and valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/01/11 11:41 |
| S47 | 4243 | (valve\$1 or machine\$2) with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) with (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) | US-PGPUB | OR | ON | 2006/06/20 14:25 |
| S48 | 2 | (valve\$1 with (defect\$4 or fail\$4 or fault or flaw\$1 or malfunction or breakdown or (break adj down)) same (detect\$3 or identif\$7 or monitor\$3 or diagnos\$\$4 or measur\$5 or sens\$3 or analy\$4 or judg\$5) same ((likelihood or probabilit\$3) with (defect\$4 or fail\$4 or error\$5 or fault)) same (calculat\$3 or estimat\$3 or generat\$3 or identify\$3 or analy\$4 or measur\$5 or determin\$3)).clm. | US-PGPUB | OR | ON | 2006/06/20 14:27 |
| S49 | 88 | 702/35.ccls. | US-PGPUB | OR | ON | 2006/06/20 14:27 |
| S50 | 13 | S47 and S49 | US-PGPUB | OR | ON | 2006/06/20 14:28 |
| S51 | 327 | 702/182.ccls. | US-PGPUB | OR | ON | 2006/06/20 14:28 |
| S52 | 24 | S47 and S51 | US-PGPUB | OR | ON | 2006/06/20 14:28 |